

Home Energy Improvements B-Roll

Scene-by-Scene Description

Get the facts behind the footage available on the U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE) B-Roll website at eere.energy.gov/news/b_roll.cfm.

Video Title: Home Energy Improvements

Video Only/No Audio

Location: Denver, Colorado

Total Running Time: 3:32

Scene 1: 00:05: Attic insulation is installed. Properly insulating and air sealing your attic will help reduce your energy bills. There are a wide variety of insulation types, each designed for various specific uses.

Scene 2: 00:40: An energy efficient dishwasher. The appliance shows an ENERGY STAR rating, meaning it is certified to use less energy, save money, and help protect the environment.

Scene 3: 00:58: Ductwork inspection.

Scene 4: 01:19: Two air filters are compared. Keeping air filters clean can lower your air conditioner's energy consumption by 5%–15%.

Scene 5: 01:47: Another angle showing attic insulation being installed.

Scene 6: 02:11: Sealing cracks in insulation.

Scene 7: 02:30: Sealing ductwork.

Scene 8: 02:42: Wrapping a water heater in insulation. A well-insulated water heater can reduce standby heat losses by 25%–45%. This will save around 4%–9% in water heating costs. In most cases, it is an easy, do-it-yourself upgrade.

Scene 9: 02:55: Another angle showing ductwork being sealed.

Scene 10: 03:11: Shots of an LED office light. ENERGY STAR-qualified light emitting diodes (LEDs) use only 20%–25% of the energy and last up to 25 times longer than the traditional incandescent bulbs they replace.

Scene 11: 03:24: A light is turned on.

Learn More about Home Energy Improvements

Your home uses energy every day, all day long. It uses energy to keep you warm in the winter and cool in the summer. It uses energy to provide you with light when you need it. It uses energy to provide you with hot water. And it uses energy to run all of your appliances and home electronics.

Using insulation, air sealing, energy efficient appliances, and LED lighting can improve your home's energy efficiency—and lower your heating and cooling bills. Find more information about strategies to use the energy in your home more efficiently on the EERE Energy Savers website at energysavers.gov.